

Safety Data Sheet

according to WHS Regulation

F 300

Revision date: 01.12.2023

Product code: 89300196

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Section 1 - Identification

Product identifier

F 300

Recommended use of the chemical and restrictions on use**Use of the substance/mixture**

Hygiene detergent

Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals as listed in WHS**Schedule 10**

None

Details of manufacturer or importer**Manufacturer**

Company name: Winterhalter Gastronom GmbH
Street: Winterhalterstrasse 2 - 12
Place: D-88074 Meckenbeuren
Telephone: +49 7542 4020
e-mail: info@winterhalter.com
Contact person: Business Unit Chemicals
e-mail: sds@winterhalter.com
Internet: www.winterhalter.com

Supplier

Company name: Winterhalter Australia Pty Ltd
Street: Unit 1/1, Glendenning Road
Place: AUS-2761 Glendenning NSW
Telephone: +61 296 45 3221
e-mail: sales@winterhalter.com.au
Contact person: Business Unit Chemicals
e-mail: sds@winterhalter.com
Internet: www.winterhalter.com.au

Emergency phone number:

Domestic emergency number (Chemtrec): +61 2 9037 2994
international emergency number (Chemtrec): +65 3163 8374

Section 2 - Hazard(s) identification

Classification of the hazardous chemical**WHS 2021**

Substances or mixtures corrosive to metals: Met. Corr. 1
Skin corrosion/irritation: Skin Corr. 1
Eye damage/irritation: Eye Dam. 1

Label elements, including precautionary statements**WHS 2021****Hazard components for labelling**

Sodium hydroxide: < 10 %
Sodium hypochlorite: < 10 %

Signal word: Danger**Pictograms:**

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corrosion

Hazard statements

H290 May be corrosive to metals
H314 Causes severe skin burns and eye damage

Precautionary statements

P273 Avoid release to the environment.
P280 Wear protective gloves and eye/face protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.
P501 Dispose of waste according to applicable legislation.

Other hazards

No information available.

Section 3 - Composition and information on ingredients**Mixtures****Hazardous components**

CAS No	Chemical name	Quantity
1310-73-2	Sodium hydroxide	< 10 %
7681-52-9	Sodium hypochlorite	< 10 %

Section 4 - First aid measures**Description of necessary first aid measures****General information**

First aider: Pay attention to self-protection! Remove affected person from the danger area and lay down.

After inhalation

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. No mouth-to-mouth or mouth-to-nose resuscitation. Use Ambu bag or ventilator. Call a physician immediately.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink 1 glass of water. Do NOT induce vomiting. Adverse human health effects and symptoms: Gastric perforation. Call a physician immediately. Do not allow a neutralisation agent to be drunk.

Symptoms caused by exposure

No information available.

Medical attention and special treatment

Treat symptomatically.

Section 5 - Firefighting measures**Suitable extinguishing equipment**

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Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

Specific hazards arising from the chemical

Non-flammable.

Special protective equipment and precautions for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately.

Do not allow entering drains or surface water.

Section 6 - Accidental release measures**Personal precautions, protective equipment and emergency procedures****General advice**

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

Environmental precautions

Do not allow to enter into surface water or drains.

Methods and materials for containment and cleaning up**For cleaning up**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

Section 7 - Handling and storage**Precautions for safe handling****Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.

Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff.

Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaust at critical locations. Unsuitable container/equipment material: Metal.

Hints on joint storage

Do not store together with: Acid.

Section 8 - Exposure controls and personal protection**Exposure control measures**

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Workplace Exposure Standards (WES)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
1310-58-3	Potassium hydroxide	-	2		Peak Limitation	WES
1310-73-2	Sodium hydroxide	-	2		Peak Limitation	WES

Exposure controls



Appropriate engineering controls

Ensure sufficient ventilation, especially in closed rooms.

Individual protection measures, for example personal protective equipment (PPE)

Eye and face protection

Suitable eye protection: Eye glasses (EN 166)

Hand protection

Use of protective gloves (EN ISO 374-1 / Typ B (KPT))

Skin protection

Wear suitable protective clothing.

Respiratory protection

Not required if handled as intended.

In case of intensive or prolonged exposure wear self-contained breathing apparatus (EN 133).

Section 9 - Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	light yellow
Odour:	like: Chlorine (Cl ₂)

Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	100 °C
Flammability:	not applicable
Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Flash point:	> 100 °C
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH-Value (at 20 °C):	14
Water solubility:	easily soluble
Solubility in other solvents	
not determined	
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	not determined
Density (at 20 °C):	1,24 g/cm ³
Relative vapour density:	not determined

Test method

Other information

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Information with regard to physical hazard classes

Explosive properties

The product is not: Explosive.

Oxidizing properties

The product is not: oxidising.

Other safety characteristics

Evaporation rate:

not determined

Solid content:

not determined

Flow time:

10 s 4 DIN 53211

Section 10 - Stability and reactivity**Reactivity**

Reactions with metals with hydrogen evolution.

Reacts with water and acids, generating heat.

Chemical stability

The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions

Chlorine gas can be formed with acids.

Hydrogen, in reactions with metals.

Conditions to avoid

To avoid thermal decomposition, do not overheat.

Incompatible materials

Metal.

Keep away from: Acid

Hazardous decomposition products

No decomposition when stored and used as directed.

Section 11 - Toxicological information**Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.

ATEmix calculated

ATE (oral) 31884,1 mg/kg; ATE (inhalation vapour) 152,17 mg/l; ATE (inhalation dust/mist) 14,493 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
1310-73-2	Sodium hydroxide				
	oral	LD50 mg/kg	325	Rabbit	ECHA
7681-52-9	Sodium hypochlorite				
	oral	LD50 mg/kg	1100	Rat male	ECHA
	dermal	LD50 mg/kg	> 20000	Rabbit	Manufacturer
	inhalation (1 h) vapour	LC50 mg/l	> 10,5	Rat male	ECHA

Irritation and corrosivity

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Causes severe skin burns and eye damage (On basis of test data)

Causes serious eye damage (On basis of test data)

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Information on other hazards**Endocrine disrupting properties**

No information available.

Further information

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Section 12 - Ecological information**Ecotoxicity**

Toxic to aquatic life with long lasting effects.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
7681-52-9	Sodium hypochlorite					
	Acute algae toxicity	ErC50 mg/l	0,05	72 h	Pseudokirchneriella subcapitata	ECHA OECD 201
	Acute crustacea toxicity	EC50 mg/l	0,026	48 h	Crassostrea virginica larvae	ECHA

Persistence and degradability

The product has not been tested.

Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
1310-73-2	Sodium hydroxide	-3,8796
7681-52-9	Sodium hypochlorite	-3,42

Mobility in soil

The product has not been tested.

Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

Section 13 - Disposal considerations

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Disposal methods**Disposal recommendations**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

Section 14 - Transport information**Marine transport (IMDG)****UN number or ID number:**

UN 1719

UN proper shipping name or

CAUSTIC ALKALI LIQUID, N.O.S. (sodium hydroxide, Sodium hypochlorite)

technical name:**Transport hazard class:**

8

Packing group number:

III

Hazard label:

8



Special Provisions:

223, 274

Limited quantity:

5 L

Excepted quantity:

E1

EmS:

F-A, S-B

Segregation group:

18 - alkalis

Air transport (ICAO-TI/IATA-DGR)**UN number or ID number:**

UN 1719

UN proper shipping name or

CAUSTIC ALKALI LIQUID, N.O.S. (sodium hydroxide, Sodium hypochlorite)

technical name:**Transport hazard class:**

8

Packing group number:

III

Hazard label:

8



Special Provisions:

A3 A803

Limited quantity Passenger:

1 L

Passenger LQ:

Y841

Excepted quantity:

E1

IATA-packing instructions - Passenger:

852

IATA-max. quantity - Passenger:

5 L

IATA-packing instructions - Cargo:

856

IATA-max. quantity - Cargo:

60 L

Environmental hazards for transport purposes

ENVIRONMENTALLY HAZARDOUS: Yes

**Special precautions for user**

Warning: strongly corrosive.

Maritime transport in bulk according to IMO instruments

not applicable

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Section 15 - Regulatory information

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles.

Section 16 - Any other relevant information

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Key abbreviations or acronyms used

CLP: Classification, labelling and Packaging
REACH: Registration, Evaluation and Authorization of Chemicals
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
UN: United Nations
CAS: Chemical Abstracts Service
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration
ATE: Acute toxicity estimate
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
LL50: Lethal loading, 50%
EL50: Effect loading, 50%
EC50: Effective Concentration 50%
ErC50: Effective Concentration 50%, growth rate
NOEC: No Observed Effect Concentration
BCF: Bio-concentration factor
PBT: persistent, bioaccumulative, toxic
vPvB: very persistent, very bioaccumulative
ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Regulations concerning the international carriage of dangerous goods by rail
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
IMDG: International Maritime Code for Dangerous Goods
EmS: Emergency Schedules
MFAG: Medical First Aid Guide
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
MARPOL: International Convention for the Prevention of Marine Pollution from Ships
IBC: Intermediate Bulk Container
SVHC: Substance of Very High Concern
For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)